

IN THE CLAIMS

1. (Currently Amended) An optical crossconnect device comprising:
an optical switch circuit, and
a supplying means for supplying a signal of monitoring the optical switch circuit to the optical switch circuit in unit of wavelength, wavelength group or optical fiber if an optical level of the optical signal in unit of wavelength, wavelength group or optical fiber supplied to an optical transmission signal input portion of the optical crossconnect device is the predetermined level or less[.], wherein if said optical level is more than the predetermined level, said supplying means supply the optical signal supplied to the optical transmission signal input portion instead of said signal of monitoring the optical switch circuit.
2. (Original) An optical crossconnect device comprising:
an optical switch circuit,
an input optical level monitoring means for monitoring an optical level of an optical signal supplied an optical transmission signal to input portion of the optical crossconnect device,
a monitoring signal generating means for generating a monitoring signal for monitoring the optical switch circuit,
an input optical signal selecting means for providing between the optical transmission signal input portion and the optical switch circuit, to select the monitoring signal generated by the monitoring signal generating means or the optical signal supplied to the optical transmission signal input portion in order to supply the selected signal to the optical switch circuit, and
an input optical signal controlling means for controlling the input optical signal selecting means based on an output of the input optical level monitoring means.
3. (Original) An optical crossconnect device as recited in claim 2, wherein the optical switch circuit is monitored based on an output of the output optical level monitoring means.
4. (Original) An optical crossconnect device as recited in claim 3, further comprising:
an output cut-off means for cutting off the monitoring signal provided between the optical switch circuit and the optical transmission signal output portion of the optical

crossconnect device, and

an output optical signal controlling means for controlling the output cut-off means based on an output of the input optical level monitoring means.

5. (Original) An optical crossconnect device as recited in claim 4, wherein the output cut-off means includes an output destination selecting means provided with two or more output terminals for one input terminal.

6. (Original) An optical crossconnect device as recited in 3, wherein an optical switch controlling means for controlling connection between non-used input ports and non-used output ports of the optical switch circuit.

7-17. (Withdrawn)

18. (Original) A monitoring method of the optical crossconnect device including an optical switch circuit comprising, supplying a monitoring signal for monitoring the optical switch circuit to the optical switch circuit in unit of wavelength, wavelength group or optical fiber when an optical level of the optical signal in unit of wavelength, wavelength group or optical fiber supplied to the optical transmission signal input portion of the optical crossconnect device is the predetermined level or less.